




Soc Virnly Estela



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In 2020, I revived an old laptop by installing Debian, which kicked off a broader curiosity about tech. After two years as a college instructor in biological sciences, I moved into technical writing, publishing tutorials on TypeScript, React, Hono, and Deno to sharpen how I explain complex topics. I later built `obs-service-cargo`—now a primary tool for vendoring dependencies for openSUSE (20 GitHub stars)—and I volunteer for openSUSE. Today I focus on backend development with Go and PostgreSQL, bringing strong communication, thorough documentation, and a delivery mindset to teams.

Technical Skills

- **Programming Languages:** Bash (for shell scripting and automation), Python, Rust, Golang, Typescript/Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)
- **Web Development:** NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS
- **Tools:** Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

Professional and Work Experience

Technical Content Developer TRIBE —  Singapore —  <https://tribex.co>

📅 Mar 2024 - June 2025

Boosted number of learners, from **300 to 1000+** on the [StackUp platform](#) through tutorials on key technologies (**React, Node.js, Rust, Deno**), and as a mentor and community member.

- [Rust Pathway](#): a series of **Rust** tutorials and campaigns
- [Fuel Up Your API Development with Hono and Deno](#): a introductory tutorial for backend development and authentication using **Hono** and **Deno**.
- [The Deno Learning Modules](#): A series of tutorials using **Deno** as the Javascript runtime for web development.
- [Learn authentication and authorisation with ExpressJS](#): a introductory tutorial for backend development using **Node.js** and **ExpressJS**.
- [StackUp Forums](#): a microblogging project using blockchain to store posts and comments with **Solidity, React, viem, wagmi, foundry**, and **Typescript**.

Science Instructor Misamis University —  Philippines —  <https://www.mu.edu.ph>

📅 Jul 2022 - Mar 2024

Organization Admin/Member Waycrate —  <https://waycrate.github.io>

📅 2022 - present

A community of open-source enthusiasts and contributors.

- **Became a Mentor Organization for Google Summer of Code:** [Google Summer of Code 2024](#) and [Google Summer of Code 2025](#)
- **Inspired** new developers to **participate** and **contribute** to **open-source**.

Member and Volunteer  openSUSE —  <https://opensuse.org>

📅 2021 - present

A **Linux community** of desktop users, developers and open-source contributors.

- **Software Packager** of **100+ software packages** for the openSUSE project: <https://build.opensuse.org/users/uncomfyhalomacro>.
- **Software Developer** of openSUSE's Rust packaging tool for [openSUSE Build Service](#) called [OBS Service Cargo](#).

Core Developer/Maintainer OBS Service Cargo —  <https://github.com/openSUSE-Rust/obs-service-cargo>

📅 2022 - present

Automation tool for **Rust software packaging** written in **Rust** with **100% test coverage**.

- The **ONLY** tool for <https://build.opensuse.org> to **automate packaging** of **Rust** software in openSUSE.

Core Developer/Maintainer Roast —  <https://github.com/openSUSE-Rust/roast>

📅 2024 - present

Archiving tool written in **Rust** using test-driven development. Supports **GZ, ZSTD, XZ** and **BZ** compression.

- Achieved **70% increase in performance**, shortening the time to create highly compressed archive tarballs.
- Has **100% test coverage** to ensure consistent behaviour such as deterministic creation of tar archives.

Core Developer/Maintainer Bunny —  <https://github.com/uncomfyhalomacro/bunny>

📅 July 2025

A **markdown parser library and static site generator** written in **Hare**, a systems programming language.

- **Won 1st place** with <https://github.com/uncomfyhalomacro/bunny> in the amateur category of [Boot.dev 2025 Hackathon](#).

Education

Programmer/Software Developer (self-taught)

📅 2020 - present

- Learned fundamentals of **backend development** at [Boot.dev](#) as **professional development certification or course**.
- Progress and certificates at **Boot.dev**: <https://www.boot.dev/u/uncomfyhalomacro>.

BSc. in Biology (Microbiology) — Mindanao State University - Iligan Institute of Technology —  Philippines

 <https://www.msuiit.edu.ph>

📅 2018 - 2022

Academic Distinction: *Cum Laude* **GPA 1.593**